

**INFORMATION DISCLOSURE  
CITATION**

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PTO Form 1449

Attorney Docket No.

043694-5015-3

Application No.

09/964,789

Applicant: Woong Kwon KIM *et al.*

Filing Date: September 28, 2001

Group Art Unit: 1702

**U.S. PATENT DOCUMENTS**

*Examiner	Document	Date	Name	Class	Sub Class	Filing Date
Initial	Number					
8H	5,835,176	11/10/1998	Jeong et al.	394	124	03/27/1998
8H	5,819,434	10/13/1998	Herchen et al.	34	232	04/25/1996
8H	5,818,559	10/06/1998	Yoshida	349	122	09/26/1996
8H	5,808,715	09/15/1998	Tsai et al.	349	122	09/19/1997
8H	5,788,871	08/04/1998	Huh	216	84	04/16/1996
8H	5,784,137	07/21/1998	Shiomi et al.	349	88	02/16/1996
8H	5,781,255	07/14/1998	Yamamoto et al.	349	46	10/04/1996
8H	5,767,931	06/16/1998	Paczkoswski	349	158	10/24/1995
8H	5,766,493	06/16/1998	Shin	216	23	10/27/1995
8H	5,715,022	02/03/1998	Takamatsu et al.	348	759	10/07/1994
8H	5,701,165	12/23/1997	Kubo et al.	349	137	06/06/1995
8H	5,654,057	08/05/1997	Kitayama et al.	428	64.1	12/27/1995
8H	5,606,438	02/25/1997	Margalit et al.	349	60	06/12/1995
8H	5,543,181	08/06/1996	Felin et al.	427	421	12/13/1994
8H	5,540,784	07/30/1996	Ranes	134	10	09/23/1994
8H	5,514,850	05/07/1996	Miyazaki et al.	219	121.69	03/19/1993
8H	5,505,804	04/09/1996	Mizuguchi et al.	156	154	12/22/1994

Examiner

800-F-H

Date Considered

03/04/02

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043694-5015-3

Application No.

09/984,739

Applicant: Woong Kwon KIM *et al.*

Filing Date: September 28, 2001

Group Art Unit: 1772

**U.S. PATENT DOCUMENTS**

*Examiner	Document	Date	Name	Class	Sub Class	Filing Date
Initial	Number					
87A	5,434,433	07/18/1995	Takasu et al.	257	59	08/13/1993
87A	5,429,711	07/04/1995	Watanabe et al.	216	52	08/09/1993
87H	5,389,148	02/14/1995	Matsunaga	118	300	01/28/1993
87A	5,378,308	01/03/1995	Thoms	156	640	11/09/1992
87A	5,371,619	12/06/1994	Sirkin et al.	359	53	12/03/1993
87A	5,319,479	06/07/1994	Yamada et al.	359	58	08/30/1991
87H	5,277,715	01/11/1994	Cathy	134	2	06/04/1992
87A	5,251,980	10/12/1993	Hiraoka et al.	374	7	08/10/1992
87A	5,246,540	09/21/1993	Soda	156	663	04/01/1992
87A	5,164,018	11/17/1992	Barcelona Jr.	134	28	03/18/1992
87A	5,159,787	11/03/1992	Suenaga et al.	51	326	09/30/1991
87A	5,112,453	05/12/1992	Behr et al.	204	129	11/05/1991
87A	5,112,437	05/12/1992	Watanabe et al.	156	646	02/20/1991
87A	5,082,518	01/21/1992	Molinaro	156	345	10/29/1991
87A	5,002,627	03/26/1991	Scheithauer et al.	156	345	08/07/1989
87A	5,000,795	03/19/1991	Chung et al.	134	37	06/16/1989
Examiner	800-F- H.		Date Considered	03/04/02		
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*Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date	
8A	4,980,017	12/25/1990	Kaji et al.	156	642	09/26/1989	
8A	4,953,952	09/04/1990	Okumura et al.	350	337	07/07/1988	
8A	4,886,590	12/12/1989	Title	204	232	11/02/1987	
8A	4,846,868	07/11/1989	Aratani	65	30.14	09/03/1987	
8A	4,826,556	05/02/1989	Kobayashi	156	345	05/27/1988	
8A	4,715,686	12/28/1987	Iwashita et al.	350	339	11/14/1985	
8A	4,624,729	11/25/1986	Bresciani et al.	156	345	10/16/1985	
8A	4,501,636	02/26/1985	Valley	156	345	12/28/1983	
8A	4,482,425	11/13/1984	Batley	156	637	06/27/1983	
8A	4,341,841	07/27/1982	Ohno et al.	428	4141	11/13/1979	
8A	4,332,649	06/01/1982	Sälzle	204	98	11/18/1980	
8A	4,240,880	12/23/1980	Tsuchibuchi et al.	204	15	07/11/1979	
8A	4,147,581	04/03/1979	Nelson	156	345	09/14/1977	
8A	4,125,594	11/14/1978	Su et al.	423	488	12/22/1976	
8A	3,869,313	03/04/1975	Jones et al.	134	73	05/21/1973	
8A	3,756,898	09/04/1973	Frantzen et al.	156	345	07/14/1969	
8A	3,689,333	09/05/1972	Hillhouse	156	14	08/24/1970	
Examiner	Soo-Fu H.			Date Considered			03/04/02
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**FOREIGN PATENT DOCUMENTS**

	Document Number	Date	Country	Class	Sub Class	Translation YES NO	
87A (ABS)	07-168172	07/04/1995	Japan	—	—	Abstract	
87A (ABS)	05-249423	09/28/1993	Japan	—	—	Abstract	
87A (ABS)	05-249422	09/28/1993	Japan	—	—	Abstract	
87A (ABS)	05-61011	03/12/1993	Japan	—	—	Abstract	
87A (ABS)	04-163528	09/06/1992	Japan	—	—	Abstract	
87A (ABS)	04-116619	04/17/1992	Japan	—	—	Abstract	
87A (ABS)	03-22390	06/30/1991	Japan	—	—	Abstract	
87A (ABS)	02-138459	11/19/1990	Japan	—	—	ABS	
87A (ABS)	02-196222	08/02/1990	Japan	—	—	ABS	
87A (ABS)	02-141703	05/31/1990	Japan	—	—	ABS	
87A (ABS)	01-189631	07/28/1989	Japan	—	—	ABS	
87A (ABS)	60-163435	08/26/1985	Japan	—	—	Abstract	
87A (ABS)	01-189631	07/28/89	Japan	—	—	Abstract	
87A (ABS)	38 53 904	03/29/1989	Germany	—	—	Abstract	
87A (ABS)	36 113 87	10/15/1987	Germany	—	—	Abstract	
87A (ABS)	1920 009	10/29/1970	Germany	—	—	Abstract	

Examiner

800-F-14

Date Considered

03/04/02

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GROUP 1700**FOREIGN PATENT DOCUMENTS**

	Document Number	Date	Country	Class	Sub Class	<u>Translation</u> YES NO	
8H (ABS)	1 200 180	12/18/1859	France	—	—	Abstract	
8H (ABS)	0 659 521 (A3)	01/10/1996	Europe	—	—	ABS	
8H	0 659 521 (A2)	06/28/1995	Europe	—	—		✓
8H	0 586 147	03/09/1994	Europe	—	—		
8H	0 474 474	03/11/1992	Europe	—	—		✓
8H	829,605	03/02/1960	United Kingdom	—	—		
8H	2 178 895	02/18/1987	United Kingdom	—	—		
8H	2 178 894	02/18/1987	United Kingdom	—	—		✓

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CONCISE STATEMENT 8H	Von Bernd Hartmann, Neue Recyclingtechniken Und Abwasserbehandlungsmethoden, TECHNISCHE RUNDschau, 37/90, pp. 104-109.

Examiner

Sow-F-ht.

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